Author Index to Volume 7

Abiodun, Adigun Ade, and Adeniji, H. A., Movement of Water Columns in Lake Kainji, 227

Adeniji, H. A.: *See* Abiodun, Adigun Ade, and Adeniji, H. A.

Bristow, M. P. F., Airborne Monitoring of Surface Water Pollutants by Fluorescence Spectroscopy, 105

Brown, G. H.: *See* Burns, K. L., and Brown, G. H.

Burns, K. L., and Brown, G. H., The Human Perception of Geological Lineaments and Other Discrete Features in Remote Sensing Imagery: Signal Strengths, Noise Levels and Quality, 163

Bush, T. F., and Ulaby, F. T., An Evaluation of Radar as a Crop Classifier, 15

Chambers, M. J.: *See* Sobur, A. S., Chambers, M. J., Chambers, R., Damopolii, J., Hadi, S., and Hanson, A. J.

Chambers, R.: *See* Sobur, A. S., Chambers, M. J., Chambers, R., Damopolii, J., Hadi, S., and Hanson, A. J.

Curran, Paul J., A Photographic Method for the Recording of Polarised Visible Light for Soil Surface Moisture Indications, 305

Damopolii, J.: *See* Sobur, A. S., Chambers, M. J., Chambers, R., Damopolii, J., Hadi, S., and Hanson, A. J.

Deschamps, P. Y.: *See* Viollier, M., Deschamps, P. Y., and Lecomte, P.

Doda, D. D., and Green, A. E. S., Spectral Sunphotometry Using a Compact Spectrometer, 97

Ellyett, Clif D.: *See* Pratt, David A., Ellyett, Clif D., McLauchlan, Errol C., and McNabb, Peter

Fung, A. K.: *See* Parashar, S. K., Fung, A. K., and Moore, R. K.

Green, A. A.: *See* Smith, Raymond E., Green, A. A., Robinson, G., and Honey, F. R.

Green, A. E. S.: *See* Doda, D. D., and Green, A. E. S.

Hadi, S.: *See* Sobur, A. S., Chambers, M. J., Chambers, R., Damopolii, J., Hadi, S., and Hanson, A. J.

Hanson, A. J.: *See* Sobur, A. S., Chambers, M. J., Chambers, R., Damopolii, J., Hadi, S., and Hanson, A. J.

Hirosawa, Haruto, Komiyama, Setsu, and Matsuzaka, Yukihiko, Cross-polarized Radar Backscatter from Moist Soil, 211

Holyer, Ronald J., Toward Universal Multispectral Suspended Sediment Algorithms, 323

Honey, F. R.: *See* Smith, Raymond E., Green, A. A., Robinson, G., and Honey, F. R.

Huntington, J. F., and Raiche, A. P., A Multi-attribute Method for Comparing Geological Lineament Interpretations, 145

Huntington, Jon F., Introductory Note, 93

Idso, Sherwood B.: *See* Reginato, Robert J., Idso, Sherwood B., and Jackson, Ray D.

Ikeda, Yoshimine, and Stevenson, Merritt, Time Series Analysis of NOAA-4 Sea Surface Temperature (SST) Data, 349

Jackson, Ray D.: *See* Reginato, Robert J., Idso, Sherwood B., and Jackson, Ray D.

Kayan, Ilhan, and Klemas, Vytautas, Application of LANDSAT Imagery to Studies of Structural Geology and Geomorphology of the Mentese Region of Southwestern Turkey, 51

Klemas, Vytautas: *See* Kayan, Ilhan, and Klemas, Vytautas

Knowles, Stephen H., Oceanographic Measurements Using Radio Interferometer Techniques, 339

Komiyama, Setsu: *See* Hirosawa, Haruto, Komiyama, Setsu, and Matsuzaka, Yukihiko

Kriebel, Karl Theodor, Average Variability of the Radiation Reflected by Vegetated Surfaces due to Differing Irradiations, 81

LaRocca, A. J., *Introduction to the Mathematics of Inversion in Remote Sensing and Indirect Measurements* by S. Twomey (book review) 363
Lecomte, P.: *See* Viollier, M., Deschamps, P. Y., and Lecomte, P.
Lock, B. F.: *See* Van Genderen, J. L., Lock, B. F., and Vass, P. A.

Matsuzaka, Yukihiko: *See* Kirosawa, Haruto, Komiyama, Setsu, and Matsuzaka, Yukihiko
Maul, George A., Locating and Interpreting Hand-Held Photographs over the Ocean; a Gulf of Mexico Example from the Apollo-Soyuz Test Project, 249
McLauchlan, Errol C.: *See* Pratt, David A., Ellyett, Clif D., McLauchlan, Errol C., and McNabb, Peter
McNabb, Peter: *See* Pratt, David A., Ellyett, Clif D., McLauchlan, Errol C., and McNabb, Peter
Moore, R. K.: *See* Parashar, S. K., Fung, A. K., and Moore, R. K.
Mukammal, Eli I.: *See* Stewart, Robert B., Mukammal, Eli I., and Wiebe, John

Nuesch, D. R., *Journees de la Télédétection* (book review), 365

Parashar, S. K., Fung, A. K., and Moore, R. K., A Theory of Wave Scatter from an Inhomogeneous Medium with a Slightly Rough Boundary and Its Application to Sea Ice, 37
Parikh, JoAnn, Cloud Classification from Visible and Infrared SMS-1 Data, 85
Pratt, David A., Ellyett, Clif D., McLauchlan, Errol C., and McNabb, Peter, Recent Advances in the Application of Thermal Infrared Scanning to Geological and Hydrological Studies, 177

Raiche, A. P.: *See* Huntington, J. F., and Raiche, A. P.
Reginato, Robert J., Idso, Sherwood B., and Jackson, Ray D., Estimating Forage Crop Production: a Technique Adaptable to Remote Sensing, 77
Robinove, Charles J., Interpretation of a Landsat Image of an Unusual Flood Phenomenon in Australia, 219
Robinson, G.: *See* Smith, Raymond E., Green, A. A., Robinson, G., and Honey, F. R.

Smith, Raymond E., Green, A. A., Robinson, G., and Honey, R. F., Use of LANDSAT-1 Imagery in Exploration for Keweenawan-type Copper Deposits, 129
Stembridge, James E., Jr., Vegetated Coastal Dunes: Growth Detection from Aerial Infrared Photography, 73
Stevenson, Merritt: *See* Ikeda, Yoshimine, and Stevenson, Merritt
Stewart, Robert B., Mukammal, Eli I., and Wiebe, John, The Use of Thermal Imagery in Defining Frost Prone Areas in the Niagara Fruit Belt, 187
Strong, Alan E., Chemical Whitings and Chlorophyll Distributions in the Great Lakes as Viewed by LANDSAT, 61
Sobur, A. S., Chambers, M. J., Chambers, R., Damopolii, J., Hadi, S., and Hanson, A. J., Remote Sensing Applications in the Southeast Sumatra Coastal Environment, 281

Tucker, Compton J., Post Senescent Grass Canopy Remote Sensing, 203

Ulaby, F. T.: *See* Bush, T. F., and Ulaby, F. T.
Van Genderen, J. L., Lock, B. F., and Vass, P. A., Remote Sensing: Statistical Testing of Thematic Map Accuracy, 3
Vass, P. A.: *See* Van Genderen, J. L., Lock, B. F., and Vass, P. A.
Viollier, M., Deschamps, P. Y., and Lecomte, P., Airborne Remote Sensing of Chlorophyll Content Under Cloudy Sky as Applied to the Tropical Waters in the Gulf of Guinea, 235

Wiebe, John: *See* Stewart, Robert B., Mukammal, Eli I., and Wiebe, John

Title Index to Volume 7

Airborne Monitoring of Surface Water Pollutants by Fluorescence Spectroscopy (Bristow), 105

Airborne Remote Sensing of Chlorophyll Content Under Cloudy Sky as Applied to the Tropical Waters in the Gulf of Guinea (Viollier, Deschamps, Lecomte), 235

Application of LANDSAT Imagery to Studies of Structural Geology and Geomorphology of the Mentese Region of Southwestern Turkey (Kayan, Klemas), 51

Average Variability of the Radiation Reflected by Vegetated Surfaces due to Differing Irradiations (Kriebel), 81

Book Review: *Journees de La Télédétection, Proceedings of the G.D.T.A.* (reviewed by D. R. Nuesch), 365

Book Review: Twomey, S., *Introduction to the Mathematics of Inversion in Remote Sensing and Indirect Measurements* (reviewed by A. J. LaRocca), 363

Chemical Whitings and Chlorophyll Distributions in the Great Lakes as Viewed by LANDSAT (Strong), 61

Cloud Classification from Visible and Infrared SMS-1 Data (Parikh), 85

Cross-polarized Radar Backscatter from Moist Soil (Hirosawa, Komiyama, Matsuzaka), 211

Estimating Forage Crop Production: a Technique Adaptable to Remote Sensing (Reginato, Idso, Jackson), 77

An Evaluation of Radar as a Crop Classifier (Bush, Ulaby), 15

The Human Perception of Geological Lineaments and Other Discrete Features in Remote Sensing Imagery: Signal Strengths, Noise Levels and Quality (Burns, Brown), 163

Interpretation of a Landsat Image of an Unusual Flood Phenomenon in Australia (Robinove), 219

Introductory Note (Huntington), 93

Locating and Interpreting Hand-Held Photographs over the Ocean; a Gulf of Mexico Example from the Apollo-Soyuz Test Project (Maul), 249

Movement of Water Columns in Lake Kainji (Abiodun, Adeniji), 227

A Multi-attribute Method for Comparing Geological Lineament Interpretations (Huntington, Raiche), 145

Oceanographic Measurements Using Radio Interferometer Techniques (Knowles), 339

A Photographic Method for the Recording of Polarised Visible Light for Soil Surface Moisture Indications (Curran), 305

Post Senescent Grass Canopy Remote Sensing (Tucker), 203

Recent Advances in the Application of Thermal Infrared Scanning to Geological and Hydrological Studies (Pratt, Ellyett, McLauchlan, McNabb), 177

Remote Sensing Applications in the Southeast Sumatra Coastal Environment (Sobur, Chambers, Chambers, Damopolii, Hadi, Hanson), 281

Remote Sensing: Statistical Testing of Thematic Map Accuracy (Van Genderen, Lock, Vass), 3

Spectral Sunphotometry Using a Compact Spectrometer (Doda, Green), 97

A Theory of Wave Scatter from an Inhomogeneous Medium with a Slightly Rough Boundary and its Application to Sea Ice (Parashar, Fung, Moore), 37

1978

Time Series Analysis of NOAA-4 Sea Surface Temperature (SST) Data (Ikeda, Stevenson), 349
Toward Universal Multispectral Suspended Sediment Algorithms (Holyer), 323

Use of LANDSAT-1 Imagery in Exploration for Keweenawan-type Copper Deposits (Smith, Green, Robinson, Honey), 129
The Use of Thermal Imagery in Defining Frost Prone Areas in the Niagara Fruit Belt (Stewart, Mukammal, Wiebe), 187

Vegetated Coastal Dunes: Growth Detection from Aerial Infrared Photography (Stembridge), 73